

# Infinity 1031 - 1034

Nitrogen/Dry Air Generator for  
Sciex Mass Spectrometers



Your local **gas generation** partner

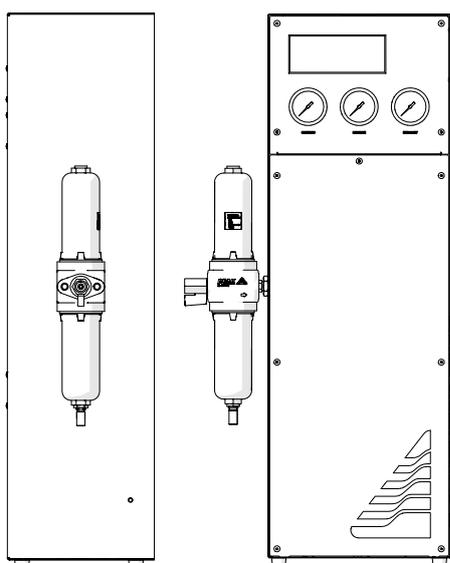
## Description

Membrane technology is at the heart of the Infinity 1031-1034 generators. Delivering one output of laboratory-grade nitrogen, and two dry air outputs, the Infinity 1031-1034 generators are a durable, hassle-free solution for Sciex LC-MS instruments. The choice of Infinity model will depend on the application, with different gas flows defining the differing models.

Peak Scientific's Infinity series generators have been engineered to provide nitrogen to laboratories which already have an external source of clean, dry air (we can provide assistance on external compressors or pre-filtration systems as part of an Infinity gas generation solution). These systems contain no moving parts, are effectively silent whilst in operation and require minimal maintenance.

## Applications

- Nitrogen supply suitable for most LC-MS instruments



## Key Features

- Capable of supplying multiple Sciex LC-MS instruments
- 24/7 operation at optimum performance if required
- Gas is supplied on demand so generator works to your schedule
- Few moving parts means lower maintenance requirement and ensures long life of the generator
- Minimal set-up required
- Completely silent in operation
- 12 month comprehensive on-site warranty

| Technical Specifications       | Infinity 1031 (Hi Flow)                      | Infinity 1031                                | Infinity 1032                           | Infinity 1033                           | Infinity 1034                             |
|--------------------------------|--|--|---|---|---|
| Max Flow Rate (Nitrogen)       | 10 L/min                                     | 19 L/min                                     | 38 L/min                                | 57 L/min                                | 76 L/min                                  |
| Max Flow Rate (Source Gas)     | 22 L/min                                     | 26 L/min                                     | 52 L/min                                | 78 L/min                                | 104 L/min                                 |
| Max Flow Rate (Exhaust Gas)    | 10 L/min                                     | 25 L/min                                     | 50 L/min                                | 75 L/min                                | 100 L/min                                 |
| Max Gas Outlet Pressure        | 110 psi                                      |  |   |   |   |
| Min Air Inlet Flow Rate        | 115 L/min                                    | 115 L/min                                    | 240 L/min                               | 340 L/min                               | 475 L/min                                 |
| Min/Max Air Inlet Pressure     | 8.27 - 10.0 bar / 120 - 145 psi              |  |   |   |   |
| Max Pressure Drop              | 8 psi  |  |   |   |   |
| Min/ Max Operating Temperature | 5°C - 30°C / 41°F - 86°F                     |  |   |   |   |
| Particles                      | < 0.01 µm                                    |  |   |   |   |
| Suspended Liquids              | None   |  |   |   |   |
| Electrical Requirements        | None   |  |   |   |   |
| Generator Dimensions (HxWxD)   | 760 x 365 x 200 mm<br>/ 29.9 x 14.4 x 7.8 in | 760 x 365 x 200 mm<br>/ 29.9 x 14.4 x 7.8 in | 730 x 310 x 250 mm<br>/ 29 x 12 x 29 in | 730 x 310 x 250 mm<br>/ 29 x 12 x 29 in | 960 x 250 x 250 mm<br>/ 37.8 x 10 x 10 in |
| Generator Weight               | 14 kg (30.8 lbs)                             | 14 kg (30.8 lbs)                             | 21Kg (46 lbs)                           | 27Kg (60 lbs)                           | 27Kg (60 lbs)                             |

| Ordering Information      |   |         |         |         |         |
|---------------------------|---|---------|---------|---------|---------|
| Part Number               | 13-1280   | 13-1270 | 13-1272 | 13-1274 | 13-1276 |
| Annual Service            | 08-0317   |         |         |         |         |
| Standard Maintenance Plan | Visit: <a href="http://www.peakscientific.com/ordering">www.peakscientific.com/ordering</a> |         |         |         |         |
| Complete Maintenance Plan |   |         |         |         |         |

## [PEAK Protected]™

Peak Scientific gas generators define the benchmark in reliability, convenience and performance in laboratories around the world, and come backed by a 12 month warranty. Beyond this period however you can ensure that your investment continues to be **[Protected]** by our comprehensive generator care cover.

Our world-class aftercare support packages deliver a program of scheduled preventative maintenance whilst giving you the reassurance of instant access to worldwide technical support and priority on-site response in the untimely event of a breakdown.

Peak Scientific's Quality Management System conforms to: ISO:9001:2008





# WolfLabs

**Pricing on any accessories shown can be found by keying the part number into the search box on our website.**

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

**[www.wolflabs.co.uk](http://www.wolflabs.co.uk)**

**Tel : 01759 301142**

**Fax : 01759 301143**

**[sales@wolflabs.co.uk](mailto:sales@wolflabs.co.uk)**

Please contact us if this literature doesn't answer all your questions.